

Claims

1. A manually operated electric control device
5 comprising a housing on which a control lever is mounted by means of a universal joint type pivotable joint having two axes which can be pivoted in relation to each other, wherein the position of the control lever can be detected by a sensing
10 technology for generating a control signal and wherein a first pivot axis is formed by two bearing tappets operatively connected to the control lever, characterized in that the bearing tappets immerse in respective bearing sections which are guided with
15 their external surfaces in a bearing bush so that a second pivot axis is formed.
2. A control device according to claim 1, wherein each
20 bearing section includes a cylinder section having a plane bearing surface adapted to be adjacent to end faces of the control lever and a convexly curved external cylinder surface adapted to be adjacent to a correspondingly designed concavely curved internal cylinder surface of the bearing bush having the form
25 of a cylinder bush.
3. A control device according to claim 2, wherein the
30 cylinder bush includes two bush members connected to each other by a bridge.
4. A control device according to claim 2 or 3, wherein
35 the bearing tappets are supported to slide in the control lever or in the respective cylinder section and are fastened in the respective other component with press fit or the like.

5. A control device according to any one of the claims
2 to 4, wherein in a neutral position of the control
5 lever the cylinder bushes extend beyond the cylinder
sections in the direction of the longitudinal axis
of the control lever.
6. A control device according to any one of the claims
2 to 5, wherein the axial length of the cylinder
10 sections and of the cylinder bush is equal and the
same are supported in a housing seat.
7. A control device according to any one of the
preceding claims, wherein the control lever has a
15 receiving chamber for a permanent magnet at the base
side.
8. A control device according to claim 7, wherein the
control lever has an approximately rectangular base
20 on which the end faces associated with bearing
surfaces are formed.
9. A control device according to any one of the
preceding claims, wherein the components of the
25 pivotable joint and the control lever are
manufactured of non-magnetizable material.